

CLAIMS

I claim:

1. A brush and brush holder assembly for a micro horsepower (HP) electric motor, comprising:
 - a. a brush having a tip;
 - b. a brush holder surrounding the tip of the brush;
 - c. a shunt carrying current to the tip of the brush; and
 - d. an independent coil wire spring applying constant pressure to the brush.
2. A brush and brush holder assembly according to claim 1, further comprising:
 - a. an electrical connection attached to the shunt.
3. A brush and brush holder assembly according to claim 2, wherein:

said electrical connection carries direct current to the shunt.
4. A brush and brush holder assembly according to claim 1, wherein:

said tip of the brush has a recessed portion.
5. A brush and brush holder assembly, according to claim 1, wherein:

said brush holder has a cutout portion.
6. A brush and brush holder assembly, according to claim 5, wherein:

said independent coil wire spring has an end which protrudes into the cutout portion of the brush holder and applies constant pressure to the recessed portion in the tip of the brush.